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PUBLICATIONS OF THE UNITED STATES DEPARTMENT OF AGRICULTURE

Compiled by DORIS STOCKDALE, Office of Information

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INTRODUCTION

This booklet contains a list of the available publications of the principal series issued by the United States Department of Agriculture. The several periodical publications are also described. Before ordering read carefully the instructions given on page 2.

Printing funds available to the department do not permit editions large enough to supply the great demand. After the free supply is exhausted, however, it usually is possible to buy publications from the Superintendent of Documents, Government Printing Office.

This list includes many bulletins the free supply of which is exhausted. These are indicated in each case by a star. Send direct to the Superintendent of Documents, inclosing the correct remittance, for all starred publications.

About once a month the department issues a card which gives a list of new publications printed. This card is sent free to all persons requesting it.

A list of new publications is also printed in the Official Record each week, and once a month in the supplement to Crops and Markets. (See page 67.)

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Farmers' Bulletins cover a wide range of subject matter and are of interest to a great many classes of persons. They are written in popular language easily understood by the layman.

The distribution of four-fifths of all Farmers' Bulletins is controlled by Members of Congress, and only one-fifth by the United States Department of Agriculture. Requests may be made direct to the Senator or Representative from your district or to the Department of Agriculture.

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- 197C. Credit association as agency for rural short-time credit. 5¢.
- *198C. Government forest work in Utah. 5¢.
- 199C. Breeding Morgan horses at the U. S. Morgan horse farm. 10¢.
- 200C. Improvements in cotton production. 5¢.
- 201C. Eradication of sweet-potato weevil in Florida. 5¢.
- *202C. Migratory bird treaty act, United States vs. Joseph H. Lumpkin. 5¢.
- *203C. Statistics of cooperative extension work, 1921-22. 5¢.
- *204C. Work of Huntley experiment farm in 1920. 5¢.
- *205C. Cotton-seed mixing increased by modern gin equipment. 5¢.
- 206C. New feature of bud variation in citrus. 5¢.
- *207C. The paper dress form. 5¢.
- *208C. Trebi barley, superior variety for irrigated land. 5¢.
- *209C. Work of San Antonio Experiment Farm in 1919 and 1920. 10¢.
- *210C. Dispersion of the boll weevil in 1921. 5¢.
- 211C. Government forest work. 10¢.
- *213C. Eradication of lice on pigeons. 5¢.
- 214C. Fusarium tuber rot of potatoes. 5¢.
- 215C. Commercial control of citrus seab. 5¢.
- *216C. Cureulio, brown-rot, and seab in peach belt of Georgia. 10¢.
- 217C. Anthracnose of muskmelons. 5¢.
- 218C. Occurrence of diseases of adult bees. 5¢.
- 219C. Phoma rot of tomatoes. 5¢.
- 220C. Late-blight tuber-rot of potato. 5¢.
- *221C. Work of Yuma experiment farm in 1919 and 1920. 10¢.

- 222C. Insulating value of commercial double-walled beehives. 5¢.
- *223C. Important forest trees of eastern United States. 5¢
- 224C. Nicotine dust for striped cucumber beetle. 5¢.
- 225C. Annual report of Governor of Alaska on game law, 1921. 5¢.
- *226C. White-pine blister rust in western United States. 10¢.
- 227C. Eastern blue-stem of black raspberry. 5¢.
- 228C. Livestock industry in South America. 5¢.
- 229C. Wild rice. 5¢.
- *231C. Forest products laboratory, Madison, Wis. 15¢.
- 232C. By-products from citrus fruits. 5¢.
- 234C. Bacterial spot of cucumbers. 5¢.
- 235C. Utility value of purebred livestock. 10¢.
- *236C. Defects in the quality of butter. 5¢.
- 237C. Experiments with boric-acid canning powder. 5¢.
- 238C. United States grades for potatoes. 5¢
- 239C. State forestry laws of 1921. 5¢.
- 240C. National forests of New Mexico. 5¢.
- 241C. Food animals and meat consumption in United States. 5¢.
- 244C. County agent work, Northern and Western States. 1921. 10¢.
- 245C. United States grades for grain sorghums. 5¢.
- *246C. United States grades for rye. 5¢.
- 247C. Uniformity of Pima cotton. 5¢.
- *248C. Extension work in Southern States, 1903-1921. 10¢.
- 249C. Tuberculin testing of livestock. 10¢.
- 250C. Educational milk-for-health campaigns. 10¢.
- 251C. Federal legislation, regulations, and rulings affecting land-grant colleges and experiment stations, 5¢.
- *252C. Preparation of peat composts. 5¢.
- *253C. Statistics of cooperative extension work, 1922-1923. 5¢.
- 254C. Homemade apple and citrus pectin extracts and their use in jelly making, 5¢.
- 255C. Boys' and girls' club work, Northern and Western States, 1921. 5¢.
- *256C. History and seed production of purple vetch. 5¢.
- *257C. Composition of filter press (lime) cake [consisting largely of calcium carbonate]. 5¢.
- 258C. Turpentine and rosin, distribution of world's production, trade, and consumption, 5¢.
- 259C. Commercial control of citrus melanose. 5¢.
- 260C. Annual report of Governor of Alaska on game law, 1922. 5¢.
- *261C. Purpose of bird censuses, and how to take them. 5¢.
- 262C. Dormancy period of sugar-beet nematode in Utah. 5¢.
- 263C. Preliminary report on control of San Jose scab with lubricating-oil emulsion. 5¢.
- 264C. Frost resistance in flax 5¢.
- 266C. Dispersion of boll weevil in 1922. 5¢.
- *267C. Work of Newlands experiment farm in 1920 and 1921. 5¢.
- 268C. Kill the common barberry with chemicals. 5¢.
- 269C. Barberry eradication prevents black rust in western Europe. 5¢.
- 270C. Extension work in agricultural engineering, 1922. 5¢.
- 271C. Grounding cotton gins to prevent fires. 5¢.
- *272C. Woolly-pod milkweed, a dangerous stock-poisoning plant. 5¢.
- 273C. Flag smut of wheat. 5¢.
- 274C. Dusting for cotton boll weevil. 5¢.
- *275C. Work of Huntley experiment farm in 1921. 5¢.
- 276C. Inspection of milk supplies. 10¢.
- 277C. Crop tests at cooperative testing station, Sacaton, Ariz. 10¢.
- *278C. Commercial classification of American cotton. 10¢.
- *279C. Greasewood as a poisonous plant. 5¢.
- *280C. Kota wheat. 5¢

- 281C. Potato brown-rot. 5¢.
- 282C. Australian tomato weevil introduced in South. 5¢.
- 283C. Livestock poisoning by cocklebur. 5¢.
- 284C. Sterilization of American foulbrood combs. 5¢.
- 285C. Home demonstration work, Northern and Western States, 1921. 5¢.
- *286C. Chayote, its culture and uses. 5¢.
- 287C. Occurrence of diseases of adult bees, 2. 5¢.
- *288C. Puss eaterpillar and effects of its sting on man. 5¢.
- *289C. Work of Scottsbluff experiment farm in 1920 and 1921. 5¢.
- 290C. United States grades for rough rice. 5¢.
- 291C. United States grades for milled rice. 5¢.
- *292C. Slash disposal in western white pine forests in Idaho. 5¢.
- 293C. Commercial control of citrus stem-end rot. 5¢.
- *294C. Rat mite attacking man. 5¢.
- *295C. Basic grading rules and working stresses for structural timbers. 5¢.
- *296C. Standard grading specifications for yard lumber. 20¢.
- 297C. Eelworm disease; a menace to alfalfa. 5¢.
- *299C. Quarantine procedure to safeguard introduction of citrus plants; System of aseptic plant propagation. 5¢.
- 300C. Commercial cuts of meat. 5¢.
- *301C. Introduction of parasites of alfalfa weevil. 5¢.
- 302C. Farm management extension, early development and status in 1922. 5¢.
- *303C. Hot-water treatment of sugar cane for insect pests—a precaution 5¢.
- *304C. United States grades for shelled white Spanish peanuts. 5¢.
- 305C. Electrochemical treatment of seed wheat. 5¢.
- 306C. Statistics of cooperative extension work, 1923-24. 5¢.
- 307C. Method of testing farm-management and cost of production data for validity of conclusions. 5¢.
- 308C. Extension program in range livestock, dairying, and human nutrition for Western States. 5¢.
- *309C. Spraying strawberries for control of fruit rots. 5¢.
- *310C. Solar propagating frame for rooting citrus and other subtropical plants. 5¢.
- 311C. Cabbage-seed treatment. 5¢.
- 312C. Boys' and girls' club work, 1922. 10¢.
- *313C. Purchase of land for national forests under act of Mar. 1, 1911, the Weeks' law. 5¢.
- 314C. Home demonstration work, 1922. 10¢.
- 315C. Chilling of tomatoes. 5¢.
- 316C. Cooperative extension work, reported through county agents, 1922. 10¢.
- *317C. Korean lespedeza, new forage crops. 5¢.
- *318C. National forests of Arizona. 5¢.
- 319C. Composition of sugar-beet pulp and tops of silage therefrom. 5¢.
- 320C. Van Fleet raspberry, new hybrid variety. 5¢.
- 321C. Control of cucumber mosaic in greenhouse. 5¢.
- 322C. Mycotic stomatitis of cattle. 5¢.
- *323C. How to collect, label, and pack living plant material for long-distance shipment. 5¢.
- 324C. Markton, oat variety immune from covered smut. 5¢.
- 325C. Foot-and-mouth disease, special reference to outbreak of 1914. 5¢.
- 326C. United States grades for timothy hay, clover hay, clover mixed hay, and grass mixed hay, effective Feb. 1, 1924. 5¢.
- 327C. French turpentine system applied to longleaf pine. 5¢.
- 328C. Directory of officials and organizations concerned with protection of birds and game, 1924. 5¢.

- *329C. Extension work in plant pathology, 1923. 5¢.
- 330C. Work of Huntley experiment farm in 1922. 5¢.
- 331C. Standard specifications for corrugated metal pipe culverts. 5¢.
- *332C. Chemical eradication of common barberry. 5¢.
- 333C. Handling soft-corn crop. 5¢.
- 334C. Bee-louse, *Braula coeca*. 5¢.
- *335C. Extension program in crop production to reinforce range live-stock, dairying, and human nutrition for Western States. 5¢.
- *336C. Spread of European starling in North America. 5¢.
- 337C. Hot-water treatment of dormant and sprouted seed cane. 5¢.
- 338C. Parasites and parasitic diseases of dogs. 10¢.
- *339C. Work of Belle Fourche experiment farm, 1919-1922. 10¢.
- 340C. Cost of producing field crops, 1923. 5¢.
- 341C. Seed flax as farm crop in 1925. 5¢.
- *342C. Work of Umatilla experiment farm in 1920, 1921, 1922. 5¢.
- 343C. Extension work in agronomy, 1923. 5¢.
- 344C. Extension work in agricultural engineering, 1923. 5¢.
- 345C. Farm-forestry extension, early development, and status in 1923. 5¢.
- *346C. Extension work with fruits, vegetables, and ornamentals, 1923. 5¢.
- 347C. Cooperative extension work, 1923. 10¢.
- 348C. Boys' and girls' 4-H club work, 1923. 10¢.
- 349C. Extension work in foods and nutrition, 1923. 5¢.
- 350C. Improved type of pressure tester for determination of fruit maturity. 5¢.
- 351C. Centralized management of large corporate estate operated by tenants in the wheat belt. 10¢.
- 352C. Work of Newlands experiment farm 1922 and 1923. 5¢.
- 353C. Improved oat varieties for New York and adjacent states. 5¢.
- 354C. Weather conditions and forest fires in California. 5¢.
- 355C. Extension work among negroes, by negro agents. 5¢.
- 356C. Common barberry and how to kill it. 5¢.
- 357C. Acala cotton in San Joaquin Valley of California. 10¢.
- 358C. Fire and the forest, California pine region. 5¢.
- 360C. Directory of officials and organizations concerned with the protection of birds and game, 1925. 5¢.
- *364C. Color grading of honey. 5¢.
- 365C. Relative susceptibility of spring-wheat varieties to stem rust. 5¢.
- 366C. Root disease of sugar cane in Louisiana. 5¢.
- 367C. Airplane dusting in control of malaria mosquitoes. 5¢.
- 368C. Better cows from better sires. 5¢.
- 369C. Work of Huntley Field Station, 1923-1924. 10¢.
- 371C. Use of the camera in studying growth and development of dairy animals. 10¢.
- 373C. Revised estimates of crop acreages, New York, 1862-1919. 5¢.
- 375C. Extension program in home management and farm management for Western States. 5¢.
- 376C. Control of crown gall in apple nursery. 5¢.
- 378C. Comparative hardiness of winter-wheat varieties. 5¢.

STATISTICAL BULLETINS

Statistical bulletins consist of tables giving statistics relating to one or more closely related agricultural commodities. They also include, in so far as possible, statistics of production, movement from the farm, receipts at principal markets, reshipments, farm and market prices, exports and imports, production in foreign countries, and foreign market price. They are of interest to persons actually engaged in agricultural work, particularly marketing, or any business affected by agricultural production and marketing.

Following is a list of those available on May 1, 1926. Those indicated by a star are for sale only. (See instructions for ordering.)

- *1S. Cold storage holdings, year ending January, 1923, with comparable data for earlier years. 5¢.
- 2S. Seed statistics, year ending May 31, 1923, with comparable data for earlier years. 15¢.
- 3S. Sheep, lamb, mutton, and wool statistics, year ended Mar. 31, 1923, with comparable data for earlier years. 15¢.
- 4S. Cold-storage holdings to October, 1924. (Revision of Statistical Bulletin 1.) 5¢.
- 5S. Horses, mules, and motor vehicles, year ended Mar. 31, 1924, with comparable data for earlier years. 15¢.
- 6S. Grain futures, daily data, volume of trading on Chicago Board of Trade, Jan. 1, 1921, to May 31, 1924. 5¢.
- 7S. Shipments and unloads of certain fruits and vegetables, 1918-1923. 15¢.
- 8S. Carload shipments of fruits and melons from stations in United States for 1920, 1921, 1922, and 1923. 10¢.
- 9S. Carload shipments of vegetables from stations in United States for 1920, 1921, 1922, and 1923. 15¢.
- 10S. Statistics of potatoes and sweet potatoes, year ended July 31, 1924 with comparable data for earlier years. 10¢.
- 11S. Hay and feed statistics, year ended Dec. 31, 1924, with comparable data for earlier years. 15¢.
- 12S. Wheat and rye statistics, year ended Dec. 31, 1924, with comparable data for earlier years. 15¢.

MISCELLANEOUS CIRCULARS

Miscellaneous circulars include those publications of a miscellaneous nature which do not fall within any of the other series of the department.

Following is a list of those available on May 1, 1926. Those indicated by a star are for sale only. (See instructions for ordering.)

- 3M. Relation of agricultural education to farm organizations. 5¢.
- *4M. List of workers in State agricultural colleges and experiment stations, 1922-1923. 15¢.
- 5M. In the land of the ancient cliff dweller. 5¢.
- *6M. Crop and livestock estimates, 1910-1922. 5¢.
- *7M. Forest fire prevention handbook for school children of California. 10¢.
- *8M. Demonstration courses in kiln drying, boxing and crating, gluing of wood, wood properties and uses. 5¢.
- 9M. Importation and exportation of tea. 5¢.
- *10M. Grain futures act, 1922. 10¢.
- 11M. Agricultural cooperation, a list with special reference to purchasing, marketing, and credit. 10¢.
- 12M. Handbook for better feeding of livestock. 5¢.
- 13M. Local names of migratory game birds. 20¢.
- 14M. State sanitary requirements governing admission of livestock. 10¢.
- *15M. Importance of forestry and national forests. 5¢.
- 16M. Tree distribution under Kinkaid Act of 1911. 5¢.
- *17M. List of workers in subjects pertaining to agriculture: Pt. 2, State agricultural colleges and experiment stations, 1923-1924. 10¢.
- *18M. Instructions for banding birds. 10¢.
- *19M. Forest fires in intermountain region. 5¢.
- *20M. Crop report regulation, effective Jan. 1, 1924. 5¢.
- 21M. Posters prepared by school children in milk-for-health programs. 5¢.
- *22M. Naval stores act, and regulations for its enforcement, effective Mar. 1, 1924. 5¢.
- *23M. Agricultural outlook for 1924. 5¢.
- 24M. Time-tables for home canning of fruits and vegetables. 5¢.
- 26M. The cow tester's handbook. 5¢.
- 27M. Motion pictures of Department of Agriculture, list of films, and how to obtain them. 5¢.
- 28M. Tables for converting crude protein and ash content to uniform moisture base. 5¢.
- *29M. Demonstration courses in wood utilization. 5¢.
- *30M. Directory of field activities of Bureau of Plant Industry. 10¢.
- *31M. Let's know some trees. 5¢.
- *32M. Practical farm economics. 40¢.
- 33M. Some tested methods for livestock improvement. 5¢.
- *34M. List of workers in subjects pertaining to agriculture in State agricultural colleges and experiment stations, 1924-25. 15¢.
- 35M. Bibliography on marketing of agricultural products. 10¢.
- *36M. Wichita National Forest and game preserve. 5¢.
- *37M. Crop report regulations, effective Jan. 1, 1925. 5¢.

- 38M. Agricultural outlook for 1925. 5¢.
- 39M. Report of National Conference on Utilization of Forest Products, Washington, D. C., Nov. 19 and 20, 1924. 20¢.
- 40M. White pine is profitable if protected from blister rust. 5¢.
- 41M. Estimating the quantity of grain in bins. 5¢.
- 42M. How to pick chickens. 5¢.
- *43M. Lessons on cotton for elementary schools. 10¢.
- 44M. Forest fire control. 5¢.
- *45M. List of technical workers in Department of Agriculture, 1924-1925. 15¢.
- 46M. Bibliography of the European corn borer. 5¢.
- *47M. What the national forests mean to the intermountain region. 5¢.
- 48M. What the national forests mean to Montana. 10¢.
- 49M. A guide to good meals for the junior homemaker. 5¢.
- 51M. The farmer and the United States Warehouse Act. 5¢.
- 52M. Certification of coal-tar food colors. 5¢.
- 53M. When fire is banished from the land of the white oak. 5¢.
- 54M. Efficient methods of retailing meat. 10¢.
- 55M. Type classification of American-grown tobacco. 5¢.
- 57M. Tattoo method of marking hogs. 5¢.
- 58M. Workers in subjects pertaining to agriculture in State Agricultural Colleges and Experiment Stations, 1925-1926. 15¢.
- 60M. Federal legislation providing for Federal aid in highway construction, construction of national forest roads and trails, and distribution of surplus war materials. 5¢.
- 64M. Crop report regulations. 5¢.
- 65M. The agricultural outlook for 1926. 5¢.

INVENTORY OF SEEDS AND PLANTS IMPORTED

This series is a record of new or little known seeds and plants procured mostly from abroad for the use of the department, State experiment stations, and for distribution to experimenters in appropriate locations throughout the United States and its possessions. Intended for distribution to the agricultural experiment stations and the more important private co-operators. There are four issues a year, each covering a 3-month period.

Following is a list of those available on May 1, 1926. Those indicated by a star are for sale only. (See instructions for ordering.)

*1. Nos. 1 to 1000. 1899. 5¢.	*53. Oct. 1-Dec. 31, 1917. 15¢.
*2. Nos. 1001 to 1900. 1899. 5¢.	*54. Jan. 1-Mar. 31, 1918. 15¢.
*8. Nos. 3401 to 4350. 1901. 10¢.	*55. Apr. 1-June 30, 1918. 10¢.
*14. Jan.-Mar., 1908. 10¢.	*56. July 1-Sept. 30, 1918. 10¢.
*26. Jan.-Mar. 1911. 10¢.	*57. Oct. 1-Dec. 31, 1918. 10¢.
*28. July-Sept., 1911. 10¢.	*58. Jan. 1-Mar. 31, 1919. 10¢.
*31. Apr.-June, 1912. 15¢.	*59. Apr. 1-June 30, 1919. 15¢.
*33. Oct.-Dec., 1912. 15¢.	*60. July 1-Oct. 31, 1919. 20¢.
*34. Jan.-Mar., 1913. 10¢.	*61. Nov. 1-Dec. 31, 1919. 20¢.
*36. July-Sept., 1913. 15¢.	*62. Jan. 1-Mar. 31, 1920. 20¢.
*37. Oct.-Dec., 1913. 10¢.	*63. Apr. 1-May 31, 1920. 20¢.
*39. Apr.-June, 1914. 25¢.	*64. June 1-Sept. 30, 1920. 15¢.
*40. July-Sept., 1914. 20¢.	*65. Oct. 1-Dec. 31, 1920. 15¢.
*42. Jan.-Mar., 1915. 20¢.	*66. Jan. 1-Mar. 31, 1921. 15¢.
*43. Apr.-June, 1915. 15¢.	*67. Apr. 1-June 30, 1921. 15¢.
*44. July-Sept., 1915. 15¢.	*68. July 1-Sept. 30, 1921. 10¢.
*45. Oct.-Dec., 1915. 15¢.	*69. Oct. 1-Dec. 31, 1921. 10¢.
*46. Jan.-Mar., 1916. 10¢.	*70. Jan. 1-Mar. 31, 1922. 5¢.
*47. Apr.-June, 1916. 15¢.	*71. Apr. 1-June 30, 1922. 10¢.
*48. July-Sept., 1916. 10¢.	*72. July 1-Sept. 30, 1922. 10¢.
*49. Oct.-Dec., 1916. 25¢.	*73. Oct. 1-Dec. 31, 1922. 10¢.
*50. Jan. 1-Mar. 31, 1917. 20¢.	*74. Jan. 1-Mar. 31, 1923. 10¢.
*51. Apr. 1-June 30, 1917. 20¢.	75. Apr. 1-June 30, 1923. 10¢.
*52. July 1-Sept. 30, 1917. 15¢.	76. July 1-Sept. 30, 1923. 5¢.

NORTH AMERICAN FAUNA

This is a technical series of the Bureau of Biological Survey devoted principally to revisions of genera of mammals and to biological surveys of States and other major areas. Of interest chiefly to professional biologists.

Following is a list of those available on May 1, 1926. Those indicated by a star are for sale only. (See instructions for ordering.)

- *27. Biological investigation of Athabaska-Mackenzie region. \$1.25.
- *34. Revision of spiny pocket mice. 10¢.
- *35. Life zones and crop zones of New Mexico. 45¢.
- *36. Revision of American harvest mice, genus *Reithrodontomys*. 20¢.
- *38. Review of American moles. 20¢.
- *41. Review of grizzly and big brown bears of North America. 35¢.
- *42. Life zone investigations in Wyoming. 40¢.
- 43. Rice rats of North America. 20¢.
- *44. Revision of American flying squirrels. 15¢.
- 45. Biological survey of Alabama. 25¢.
- *46. Biological survey of Pribilof Islands, Alaska, 1. Birds and mammals; 2. Insects, arachnids, and chilopods. 40¢.
- 47. Revision of American pikas. 15¢.

YEARBOOK

The yearbook of the department contains a general report of the operations of the department during the preceding calendar year, and articles of special interest and instruction to the farmers of the country. Distribution of the greater number of yearbooks is controlled by Members of Congress. Apply either to your Senator or Representative in Congress or to the United States Department of Agriculture. The department's edition is barely sufficient to supply its employees and cooperators. On May 1, 1926, copies were available for the following years. Those indicated by a star are for sale only.

*1895.....	\$0. 55	*1907.....	\$1. 00	1916.....	\$1. 00
*1898.....	.60	*1908.....	1. 25	1917.....	1. 00
*1899.....	.75	*1909.....	1. 00	1918.....	.85
*1900.....	.75	*1910.....	1. 00	*1919.....	1. 00
*1901.....	.80	1911.....	1. 00	1920.....	1. 25
*1902.....	.85	1912.....	1. 00	1921.....	1. 25
*1903.....	.75	1913.....	.75	1922.....	1. 25
*1904.....	.65	1914.....	.75	*1923.....	1. 25
*1906.....	1. 00	*1915.....	.75	1924.....	1. 50

YEARBOOK SEPARATES

Each article in the yearbook is reprinted in separate form. Following is a list of these separates available on May 1, 1926. Those indicated by a star are for sale only. (See instructions for ordering.)

- *220Y. Testing eommeercial varieties of vegetables. 5¢.
- *292Y. Practical results of experiment-station work. 5¢.
- *303Y. Relations of Federal Government to control of eontagious diseases of animals. 5¢.
- *304Y. Nation's farm surplus. 5¢.
- *339Y. Inspeetion of foreign food products. 5¢.
- *372Y. Progress of forestry in 1904. 5¢.
- *501Y. Farmers' cooperative demonstration work. 5¢.
- *539Y. Respiration ealorimeter; results of experiments. 5¢.
- *552Y. Effect of present method of handling eggs on industry and product. 5¢.
- *564Y. Bird enemies of eodling moth. 5¢.
- *569Y. Decomposition in some food products. 5¢.
- 574Y. Water economy of dry-land crops. 5¢.
- *586Y. Respiration ealorimeter for study of vegetable physiology. 5¢.
- 592Y. Results obtained in studying ripening bananas with respiration ealorimeter. 5¢.
- 598Y. Chestnut bark disease. 10¢.
- *605Y. Handling and marketing eotton. 5¢.
- *607Y. Agriculture in publie high schools. 5¢.
- *608Y. Settlement of irrigated lands. 5¢.
- *609Y. Some new grasses for the South. 5¢.
- *613Y. Direetory for farmers (1912). 5¢.
- *618Y. Promising new fruits. 15¢.
- *619Y. Health laws. 5¢.
- *621Y. What Department of Agrieulture is doing for housekeeper. 5¢
- 623Y. Supplementing meat supply with fish. 5¢.
- 626Y. Organization of rural interests. 5¢.
- *627Y. Production of beef in the South. 10¢.
- *628Y. Hemp. 15¢.
- *631Y. Livestoeck and miseellaneous agricultural statistics, 5¢.
- *636Y. Retail publie markets. 5¢.
- *639Y. Apple sirup and eoneentrated eider. 5¢.
- *640Y. Eeonomy of farm drainage. 5¢.
- *641Y. Movement from city and town to farms. 5¢.
- 644Y. American farm woman as she sees herself. 5¢.
- *646Y. Selection of household equipment. 5¢.
- *647Y. Egg and poultry demonstration ear work in reducing our \$50,000,000 waste in eggs. 5¢.
- *649Y. Hard wheats winning their way. 10¢.
- *650Y. Meat production in Australia and New Zealand. 5¢.
- *651Y. Farm wood-lot problem. 10¢.
- *652Y. Nematodes and their relationships. 5¢.
- 656Y. Livestock, 1914, and census data. 5¢.
- *657Y. Imports and exports of agrieultural products. 5¢.
- 661Y. Outstanding factors in profitable farming. 5¢.
- *663Y. Hawaii helps farmers to market produce. 5¢.

- *665Y. Shipping fish 3,000 miles. 5¢.
- *666Y. Animal disease and our food supply. 5¢.
- *668Y. Successful rural cooperative laundry. 5¢.
- *670Y. Osage orange waste as a substitute for fustic dyewood. 5¢.
- *672Y. How the whole county demonstrated. 5¢.
- *674Y. Recent grasshopper outbreaks. 5¢.
- *675Y. How Department of Agriculture promotes organization in rural life. 5¢.
- *682Y. Statistics of grain crops, 1915. 5¢.
- 684Y. Livestock, 1915, and miscellaneous data.
- 685Y. Imports and exports of agricultural products.
- *686Y. Color as indication of picking maturity of fruits and vegetables. 10¢.
- 687Y. Plant introduction gardens of Department of Agriculture. 5¢.
- *689Y. Dasheen. 5¢.
- 690Y. Government reclamation projects. 5¢.
- 691Y. American vegetable food oils. 5¢.
- *692Y. Stallion legislation and horse-breeding industry. 5¢.
- *697Y. Farmers' mutual fire insurance. 5¢.
- 698Y. Meeting the farmer halfway.
- *699Y. Federated cooperative cheese manufacturing and marketing association. 5¢.
- *701Y. Possibilities of market-train service. 5¢.
- *702Y. Development and localization of truck crops. 5¢.
- *703Y. Pumping for irrigation on the farm. 5¢.
- *704Y. Insect enemies of injurious insects. 5¢.
- *707Y. Experiment in community dairying. 5¢.
- *708Y. Destroying rodent pests on the farm. 5¢.
- *709Y. Progress in handling the wool clip. 5¢.
- *710Y. Effect of home demonstration work in South. 5¢.
- *712Y. Sewage disposal on the farm. 5¢.
- *713Y. Graphic summary of world agriculture. 15¢.
- 714Y. Meat-inspection service. 15¢.
- *717Y. Developing our national resources of potash. 5¢.
- *718Y. Cooperative bull association. 5¢.
- *719Y. Statistics of grain crops, 1916. 10¢.
- 721Y. Livestock, 1916, and miscellaneous data.
- 722Y. Imports and exports of agricultural products. 5¢.
- 723Y. Great Plains waterfowl breeding grounds. 5¢.
- 725Y. House rat. 5¢.
- *726Y. Rest rooms for women in marketing centers. 5¢.
- *727Y. Design of public roads. 5¢.
- *728Y. Fertilizers from industrial wastes. 5¢.
- *729Y. Sources of our nitrogenous fertilizers. 5¢.
- *731Y. Danger of introducing fruit flies. 5¢.
- *733Y. Fertilizer materials from minor sources. 5¢.
- *734Y. Production of drug-plant crops. 5¢.
- *735Y. Value of records to the farmer. 5¢.
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The majority of each report is distributed by the United States Senators and Representatives from the area surveyed; a limited number are available for distribution by the Bureau of Soils, United States Department of Agriculture. Editions are inadequate to meet the demand, and therefore reports of not more than three separate areas and not to exceed one copy of each report may be sent free to one individual. The price at which these reports may be purchased is indicated, and if more than three reports are desired the request together with the necessary sum should be forwarded to the Superintendent of Documents, Government Printing Office. Where no price is given the report is included in some other survey, in which case that survey will be furnished or you will be informed where it may be procured. Those indicated by a star are available by purchase only.

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PERIODICAL PUBLICATIONS

Following is a brief description of each periodical issued by the United States Department of Agriculture. The department is limited to a free mailing list of not more than 2,000 outside of its own employees and cooperators for each periodical. Therefore, it usually is necessary for individuals to subscribe from the Superintendent of Documents, Government Printing Office, at the price given in each instance.

If you are engaged in agricultural work write to the department, which will notify you if you are eligible for a free copy of any periodical in which you may be interested. Otherwise, send the necessary remittance direct to the Superintendent of Documents. (See general instructions for ordering on page 2.)

EXPERIMENT STATION RECORD

The Experiment Station Record is a technical review of the world's scientific literature pertaining to agriculture. It is issued in two volumes a year of 10 numbers each, and each volume contains about 3,500 abstracts of current research in the various fields of agriculture, together with brief notes on the progress of agricultural education and research and monthly editorials dealing with some phase of its advancement.

The Record is particularly designed for the use of research workers, teachers, extension specialists, and others desiring to keep abreast of the new information in the various fields of agriculture, and as a work of reference for ascertaining the status of research in these fields since it began publication in 1889. Free distribution is restricted mainly to workers in agricultural colleges and experiment stations and similar institutions, libraries, and exchanges. 10¢ per copy; 75¢ per volume, domestic; \$1.25 per volume, foreign.

JOURNAL OF AGRICULTURAL RESEARCH

The Journal of Agricultural Research is a 100-page semimonthly publication containing articles on technical agricultural research carried on by the United

States Department of Agriculture or the State experiment stations, or both cooperatively. It is therefore of primary interest only to agricultural scientists and advanced students. Free distribution of the Journal is limited to certain libraries and to institutions or departments doing research work. 20¢ per copy; \$4 per year, domestic; \$5.25 per year, foreign.

Each article in the Journal is reprinted as a "separate." These reprints or separates are distributed free to those desiring them as long as the limited supply lasts.

CROPS AND MARKETS

Crops and Markets contains statistics concerning crops and livestock estimates and market information. It contains reports on supplies, stocks, commercial movements, condition and prices of agricultural products covered in the work of marketing and crop estimating and studies of prices and demand both foreign and domestic. It is of particular interest to economists, statisticians, and persons whose business is affected by agricultural production and marketing. Free distribution is restricted to collaborators with the department. Issued weekly, with a monthly supplement. \$1 per year, domestic; \$2 per year, foreign.

PUBLIC ROADS

Public Roads is a monthly magazine dealing with highway research. The results of investigations relating to the physical and economic problems of road building conducted by the Bureau of Public Roads and contributors outside of the bureau are made available to road builders through this medium. Free distribution is restricted to State and county officials actually engaged in planning or constructing public highways, instructors in highway engineering, and periodicals upon an exchange basis. 10¢ per copy; \$1 per year, domestic; \$1.50 per year, foreign.

OFFICIAL RECORD

The Official Record contains official orders and miscellaneous information concerning the activities of the department, and such other matter as should be brought

to the attention of employees and others who have to do with the department's work. Issued weekly. 50¢ per year, domestic; \$1.10 per year, foreign.

MONTHLY WEATHER REVIEW

The Monthly Weather Review contains contributions from the research staff of the Weather Bureau and special contributions of a general character on meteorology and climatology; also climatological data for Weather Bureau stations. 15¢ per copy; \$1.50 per year, domestic; \$2.25 per year, foreign.

WEEKLY WEATHER AND CROP BULLETIN

The Weekly Weather and Crop Bulletin gives detailed weather conditions of preceding week and their effect on development of crops and farm operations; shows variation of temperature and rainfall from normal week, total rainfall for season in comparison with normal, and discusses amount of sunshine and cloudiness. 50¢ per year.

SNOW AND ICE BULLETIN

The Snow and Ice Bulletin gives synopsis of snowfall and ice in United States, showing areas covered by snow, depth of snow, thickness of ice in rivers, etc. Of value to those interested in winter-wheat crop, ice dealers and to manufacturers of articles, the sale of which is affected by presence or absence of snow and ice. Issued weekly during winter season. 50¢ per season.

CLIMATOLOGICAL DATA

Climatological Data contains complete weather statistics from 42 separate sections, corresponding, as a rule, to a State, and issued monthly, with an annual summary. One section, 5¢ a month, 50¢ a year. Forty-two sections, 35¢ a month, \$4 a year, including annual summary. Annual summary for the 42 sections, 50¢.

CLIP SHEET

The Clip Sheet is made up of short, interesting stories on the United States Department of Agriculture and the application of new ideas and discoveries in

the field of agriculture. From 8 to 10 stories, varying from fillers of a few lines to articles of 200 to 300 words, are included in each weekly issue. Free distribution to newspapers and other interested publications and writers. (No subscription list.)

SERVICE AND REGULATORY ANNOUNCEMENTS

Service and Regulatory Announcements contain such notices of judgment, decisions, and other information as is necessary in the enforcement of regulatory acts. Issued as necessary by Bureaus of Agricultural Economics, Animal Industry, Biological Survey, Chemistry, Dairying, and Plant Industry, Federal Horticultural Board and Insecticide and Fungicide Board.

Free distribution is limited to public officials whose duties make it necessary for them to have such information, to journals especially concerned, and to manufacturers and firms whose business is affected by same. The Bureau of Animal Industry issues one announcement each month, and the Superintendent of Documents carries a subscription list at 25¢ per year domestic and 40¢ per year foreign. Other bureaus issue announcements at irregular intervals, the price for each issue being 5¢ per copy.

MAPS, CHARTS, AND PHOTOGRAPHS

This is a partial list of maps, charts, and pictures relating to agriculture, nature study, geography, biology, and home economics, and the sources from which such material may be obtained for the use of schools. If no price is given they are for free distribution; if a price is given, remittance should be made direct to the office indicated. (See instructions for ordering, page.)

Geography of the World's Agriculture, 1917, Superintendent of Documents, Government Printing Office. \$1.

Atlas of American Agriculture, Superintendent of Documents, Government Printing Office:

Precipitation and humidity, 1922. \$1.50.

Natural vegetation, 1924. 50¢.

Cotton, 1918. 50¢.

Rural population, 1919. 50¢.

Graphic Summary of American Agriculture, Yearbook Separate 878, 1921. Superintendent of Documents, Government Printing Office. 20¢.

Pictures of improved livestock: (1) Judging dairy cows at a community picnic; (2) Purchased Percheron stallion; (3) Southdown sheep for mutton production; (4) Little pigs; (5) Flock of white Wyandottes; (6) Herd of Holstein-Friesian cows; (7) Angora goats; (8) Morgan horse; (9) Club boy with beef cattle; (10) Mules. Bureau of Animal Industry, United States Department of Agriculture.

Charts showing composition of food material, 1916. Set of 15. Superintendent of Documents, Government Printing Office. \$1.

Charts illustrating food selection and meal planning, 1921. Set of 8. Superintendent of Documents, Government Printing Office. 50¢.

Photographs of children's diet, 1919. 2 sets of 4 each in two sizes. Set 1, diet of white children. Set 2, diet of colored children. Office of Information, U. S. Department of Agriculture. Small set of 4, 72¢; large set of 4, \$8.

Chart showing 100 calorie portions of a few familiar foods, 1923. Superintendent of Documents, Government Printing Office. 10¢.

Posters showing insect pests and their work and methods of control; (1) grasshopper, (2) garden cutworm, (3) potato beetles, (4) wheat joint worm, (5) Chalcid-fly, (6) Hessian fly, (7) spray potato fields. Bureau of Entomology, Department of Agriculture.

Photographs of weed seed found in commercial seed. (6½ x 8½) 15 in set. Office of Information, United States Department of Agriculture. \$1.80.

Educational series from Weather Bureau: (1) barometer table, (2) explanation of weather map and sample weather map, (3) cloud chart, (4) The Weather Bureau, pamphlet descriptive of work of Bureau. Weather Bureau, United States Department of Agriculture. 10¢ per set.

Daily weather map (Form C) first edition, shows weather conditions for U. S. and forecast for States east of Mississippi River, except Illinois, Wisconsin, Indiana, and upper and lower Michigan. Issued daily, except Sundays and holidays, at Washington, D. C. Superintendent

of Documents, Government Printing Office. 25¢ per month; \$2.50 per year.

Daily weather map (Form C) second edition, shows weather conditions for U. S. and forecast for *all* States. Issued daily at Washington, D. C. Superintendent of Documents, Government Printing Office. 30¢ per month, \$3 per year.

Daily weather map (map DD) shows weather conditions and forecast issued, except Sundays and holidays, at about 65 stations in United States. Superintendent of Documents, Government Printing Office. 20¢ per month, \$2 per year.

Climatic charts for United States: 12 in series: (1) normal annual precipitation; (2) average annual number of days with precipitation; (3) normal annual temperature; (4) normal January temperature; (5) normal July temperature; (6) highest temperature ever observed; (7) lowest temperature ever observed; (8) mean relative humidity (per cent), January, 8 a. m., 75th meridian time; (9) mean relative humidity (per cent), January, 8 p. m., 75th meridian time; (10) mean relative humidity (per cent), July, 8 a. m., 75th meridian time; (11) mean relative humidity (per cent), July, 8 p. m., 75th meridian time; (12) average minimum temperature (Fahrenheit), January. Superintendent of Documents, Government Printing Office. Single charts 5¢ each, 50¢ per set.

Colored poster showing life cycle of black stem rust and its host plants, wheat and common barberry. Bureau of Plant Industry, U. S. Department of Agriculture.

Colored poster of white pine blister rust for schools in white pine States, New England, New Jersey, New York, Pennsylvania, Michigan, Wisconsin, Minnesota. Bureau of Plant Industry, Department of Agriculture.

Information series from the Bureau of Public Roads. Drawings and mimeographed pamphlets describing the methods of building various types of farm structures and conveniences such as windmills, electric lighting plants, other lighting systems, well drilling machinery, garbage and refuse disposal, clearing land, and farm buildings of various kinds. Bureau of Public Roads, United States Department of Agriculture.

Desk size map showing the Federal-aid highway system and progress in its improvement for the entire United States. Also larger scale maps showing the system by various groups of States.

A series of maps is now being issued showing the condition of improvement of the system in various groups of States. Some are now available while others are in course of preparation. Bureau of Public Roads, United States Department of Agriculture.

Series of educational pictures for schools consisting of breeds of chickens; dairy breeds of cattle; beef breeds of cattle; dual purpose breeds of cattle; breeds of hogs; comparison of bacon and lard types of hogs; light breeds of horses; draft breeds of horses; sheep on the farm; the corn plant, seed corn, production, pests, harvesting, and distribution of corn; the cotton plant, production, improvement, ginning, and marketing of cotton; small grains, production, pests, harvesting, and marketing of grain. Office of Agricultural Instruction, United States Department of Agriculture.

Photographs of plants, animals, insects, and other subjects, like or similar to illustrations in department publications. Office of Information, United States Department of Agriculture. 5 by 7, 9¢; 6½ by 8½, 12¢; 8 by 10, 18¢; enlargements more.

Small map (in colors) showing national forests and related reservations in United States. Forest Service, United States Department of Agriculture.

Small map, showing, in green, the natural forest regions of the United States. Forest Service, United States Department of Agriculture.

Sets of colored lantern slides, accompanied by lecture outlines and covering 14 subjects.¹

Traveling school exhibits, "Our Forests: What They Mean to Us." (Sets of 48 enlarged photographs showing forests of the United States, how they are used and how they may be preserved; 12 series of 4 pictures each.)¹

Traveling school exhibits, "Forestry in Nature Study." (Sets of 48 enlarged photographs suitable for use in nature study work; 12 series of 4 pictures each.)¹

Traveling school exhibits, "Farm Woodlands." (Sets of 28 enlarged photographs on management of farm woodlands; 7 series of 4 pictures each.)¹

Traveling school exhibits, "Commercially Important Woods of the United States." (Sets of 28 maps and charts showing samples of important commercial woods and related information; 7 series of 4 maps or charts each.)¹

Sets of wood samples, showing 30 representative American woods prepared for educational purposes and loaned to teachers for short periods.

Exhibit material of a general nature is available for the use of high schools and colleges, in the form of—

Colored panels, both large and small, dealing with woodland improvement, forest fires, lumbering, the uses of the national forests, and studies of longleaf, shortleaf, loblolly, slash, Norway, and white pines.

Colored bromides and transparencies on turpentine, planting, second growth, forest-fire equipment, scenery, forest fires, erosion, denuded areas, and slogans for care with fire.

This material is loaned to any who are willing to pay transportation charges. Since in most cases it is heavier than the traveling exhibits, the transportation costs are greater. Lists giving size and approximate weights will be furnished on request by the Forest Service, United States Department of Agriculture.

¹ This material is loaned by the Forest Service, U. S. Department of Agriculture, for short periods on condition that the borrower agrees to pay transportation charges, to be responsible for the material while charged with it, and to forward it promptly at the direction of the Forest Service.



(Concluded from page 2 of cover)

48. WEATHER, ASTRONOMY, AND METEOROLOGY. Climate, earthquakes, floods, Naval Observatory and Nautical Almanac Office publications.
49. PROCEEDINGS OF CONGRESS. Bound volumes of Congressional Record, Globe, etc.
50. AMERICAN HISTORY AND BIOGRAPHY. The Revolution, Civil War, etc.
51. HEALTH. Disease, drugs, sanitation, water pollution, care of infants.
53. MAPS. Government maps, and directions for obtaining them.
54. POLITICAL SCIENCE. Prohibition, District of Columbia, woman suffrage, elections.
55. NATIONAL MUSEUM and National Academy of Sciences.
58. MINES. Mineral resources, fuel testing, coal, gas, gasoline, explosives.
59. INTERSTATE COMMERCE COMMISSION PUBLICATIONS.
60. ALASKA. Gold, coal, and other mineral resources, railroads, explorations, etc.
62. COMMERCE AND MANUFACTURES. Foreign trade, patents, trusts, and dyestuffs.
63. NAVY. Marine Corps, Coast Guard, armor plate, battleships, drill books.
64. STANDARDS OF WEIGHT AND MEASURE. Electricity, radiotelegraphy, cement, etc.
65. FOREIGN RELATIONS. Diplomacy, international law, Mexico, World War.
67. IMMIGRATION. Alien enlistment, Chinese, Japanese, Negroes, citizenship, naturalization, and illiteracy.
68. FARM MANAGEMENT. Agricultural statistics, farm accounts, credits, marketing, and conveniences for farm homes.
69. PACIFIC STATES: California, Oregon, Washington. All material relating to these States.
70. CENSUS. Statistics, population, manufactures, agriculture, mining, etc.
71. CHILDREN'S BUREAU, and other publications relating to children.

SPECIAL LISTS on such topics as radio, home owning, accounting, etc., will also be furnished upon request.

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